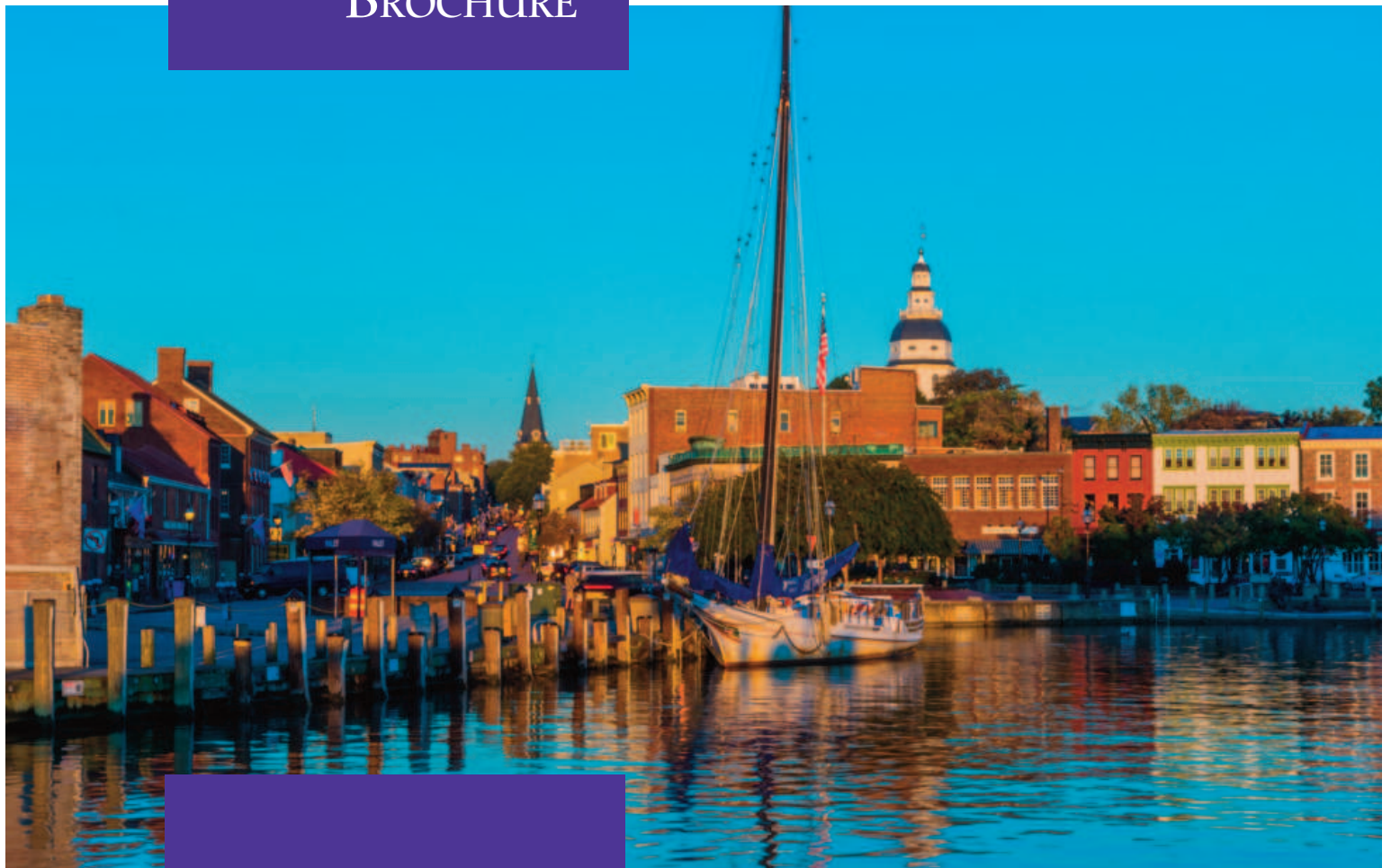


REGISTRATION
BROCHURE

CONTROVERSIES IN SURGERY



June 11-13, 2015

WESTIN HOTEL
ANNAPOLIS, MARYLAND



77th Annual Surgical Update

Controversies in Surgery

Dear Colleagues,

It is with great pleasure that I invite you to the 77th Annual Surgical Update of the International College of Surgeons-United States Section. Our 77th Surgical Update will be held from June 11 to June 13, 2015 at the Westin Hotel located in Annapolis, Maryland. I also extend a warm welcome to the members of the American Academy of Neurological and Orthopaedic Surgeons who will be joining us.

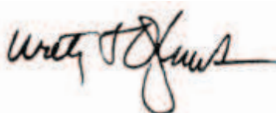
Our location was specifically chosen for its proximity to the long-standing tradition of medicine and surgical science that is exemplified by Johns Hopkins University School of Medicine, the University of Maryland School of Medicine and the Anne Arundel Medical Center.

The particular topics presented will focus on Controversies in Surgery and explore alternative surgical as well as non-surgical approaches to a variety of clinical health issues and provide unique continuing education for the general surgeon and surgical specialist. This activity will present both multidisciplinary and specialty specific treatment options for the most controversial topics in surgery as well as other selected non-surgical topics that address professional practice gaps as determined by the Planning Committee. The overall goal of this conference will be to enhance overall technique, to advance current surgical knowledge, foster continued training and improve patient care.

As you can see on the following pages; we have already secured faculty who are highly regarded in their respective fields and who are preparing to present some truly ground-breaking information. Additional faculty is being finalized to go along with these featured presentations. The program will as always be supplemented with abstract submissions from ICS colleagues to ensure maximum participation and recognition of our own.

Whether you know Annapolis well, or have never had a chance to visit, this is a perfect opportunity to discover the Chesapeake Bay and all it has to offer.

Sincerely,
Uretz J. Oliphant, MD



United States Section President

BUSINESS MEETINGS

The ICS-US Annual Surgical Update will begin with business meetings that will be conducted throughout the day on **Wednesday, June 10th**. Included are: Standing Committee, Board of Regents and House of Delegates meetings.

The American Academy of Neurological and Orthopaedic Surgeons (the Academy) will hold its annual business meetings on **Friday, June 12th**.

The Westin Hotel, is centrally situated in Annapolis, This upscale property is moments away from all that Annapolis has to offer and is the ideal choice for both business and leisure. From the U.S. Naval Academy and the Maryland state capitol building to shopping on waterfront Main Street or sailing on Chesapeake Bay, you will find that this location is second to none.

Special room rates have been arranged:

1 KING BED or 2 DOUBLE BEDS
\$149.00 USD/Night

Book by May 8th to reserve your room. Please contact the hotel directly at **(410) 972-4304** or visit: www.ficsonline.org/westin to book your reservation.

Annapolis is conveniently located just 26 miles from Baltimore's International Airport and 32 miles from Reagan National in Washington, DC. Ready to explore? There are many ways to get around in Annapolis and the Chesapeake Bay. The Maryland Transit Administration has easy tools for finding your way. Whether you are hopping on AMTRAK to Washington DC, taking a MARC train into Baltimore, or grabbing a shuttle to Annapolis.

The best way to explore downtown Annapolis is to head out on foot. Then, spend the day exploring the attractions, shops, and restaurants. When you've reached your walking quota, simply hail an Annapolis City Circulator trolley for transportation back to the hotel. In a city where all roads lead to the water, sometimes the quickest way to get from point A to point B is to hop aboard a Water Taxi.

President

Uretz John Oliphant, MD **

Trauma Surgery
Urbana, IL

CME Committee Chair

Michael J. Jacobs, MD **

Surgical Oncology
Birmingham, MI

Chair Council of Specialty Groups

Demetrius E.M. Litwin, MD **

General Surgery
Worcester, MA

Domingo T. Alvear, MD

Pediatric Surgery
Harrisburg, PA

Clara Raquel Epstein, MD +

Neurological Surgery
Boulder, CO

Arno A. Roscher, MD

Pathology
Los Angeles, CA

Frank P. Bongiorno, MD +

Trauma Surgery
Murfreesboro, TN

Ari O. Halldorsson, MD *

Thoracic Surgery
Lubbock, TX

Reza F. Saidi, MD +

Transplantation Surgery
Providence, RI

Bryan N. Butler, MD

Colon & Rectal Surgery
Amherst, NY

Zaki-Udin Hassan, MD

Anesthesiology
Lexington, KY

Dixon Santana, MD

Vascular Surgery
Lubbock, TX

Ouyen D. Chu, MD

Surgical Oncology
Shreveport, LA

Andrew Klein, MD **

Transplantation Surgery
Los Angeles, CA

M. Hosein Shokouh-Amiri, MD

Transplantation Surgery
Shreveport, LA

W. Craig Clark, MD +

Neurosurgery
Greenwood, MS

Phillips Kirk Labor, MD

Ophthalmology
Grapevine, TX

Jacob Varon, MD

Plastic Surgery
Belaire, TX

Maxime J.M. Coles, MD +

Orthopaedic Surgery
Coffeyville, KS

Marco A. Pelosi III, MD +

Obstetrics & Gynecology
Bayonne, NJ

Sivamainthan Vithiananthan, MD+

General Surgery
Providence, RI

Horacio R. D'Agostino, MD

Radiology
Shreveport, LA

Francis J. Podbielski, MD**

Thoracic Surgery
Riverside, IL

Arnold J. Willis, MD

Urology
Alexandria, VA

Anthony N. Dardano, Jr., DO

Plastic Surgery
Boca Raton, FL

Vichin Puri, MD +

Transplantation Surgery
Memphis, TN

Sharmila Dissanaik, MD

Trauma Surgery
Lubbock, TX

Chand Ramaiah, MD *

Thoracic Surgery
Nashville, TN

* Executive Committee Member
+ CME Committee Member

Course Sponsor

International College of Surgeons - United States Section
An ACCME Accredited Provider

OVERALL COURSE OBJECTIVES

The Annual Surgical Update is designed to offer information regarding the latest surgical advancements and technology to address gaps in knowledge that may exist for practicing surgeons in all surgical specialties, residents in training, and allied health professionals. The desired outcome of this program is increased knowledge, better competency in cutting edge treatment modalities, and enhanced treatment decision making. It is the expressed goal of the course to provide enough material that upon completion of the activity the participant can make educated decisions to incorporate the latest surgical techniques and technologies as well as discern when these procedures are warranted to provide optimum patient care.

Topics presented during the Annual Surgical Update have been designed to address and improve the attendee's knowledge and skills in the following competencies; patient care or patient-centered care, medical knowledge, practice-based learning & improvement, quality improvement and professionalism.

Disclosure Policy

It is the policy of the International College of Surgeons-US Section that any individual who is involved in planning or presenting in a program designated for AMA Physician's Recognition Award Category 1 Credit™ must disclose all relevant financial relationships with a commercial interest prior to being included in the final program. This information is disclosed to the audience prior to the activity. The ICS-US has procedures in place to address a conflict of interest should one arise. Our complete Policy on Commercial Support and Independence is available on FICS Online or by request from Headquarters. Additionally, faculty members are asked to disclose when any discussion of unapproved use of a pharmaceutical or medical device occurs.

Accreditation

The International College of Surgeons-United States Section is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Continuing Medical Education for physicians.

Credit Designation

The International College of Surgeons-United States Section designates this live activity for a maximum of 24 AMA PRA Category 1 Credits. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



The US Section has selected Dr. John L. Cameron to receive the Dr. Andre Crotti Award for Distinguished Service to the Profession of Surgery. Cameron, the second recipient of this prestigious award embodies the professional excellence and achievements of Dr. Crotti, who served as the first president of the US Section.

Cameron is the Alfred Blalock Distinguished Service Professor of Surgery at The Johns Hopkins University School of Medicine. For nineteen years he served as the Chief of Surgery at The Johns Hopkins Hospital. Dr. Cameron obtained his undergraduate degree from Harvard University in 1958 and his medical degree from The Johns Hopkins University School of Medicine in 1962. All of his training in General

and Thoracic Surgery was obtained at The Johns Hopkins Hospital. Dr. Cameron has had a long-standing interest in alimentary tract diseases, and specifically in pancreatic cancer. He has operated upon more patients with pancreatic cancer, and done more Whipple resections than any other surgeon in the world. He has been a leader in Alimentary Tract Surgery for many years. National leadership positions held include being President of the Society for Surgery of the Alimentary Tract, President of the Southern Surgical Association, President of the Society of Clinical Surgery, President of the Society of Surgical Chairman, President of the Halsted Society, and President of the American Surgical Association. Most recently he served as President of the American College of Surgeons.

KEYNOTE LECTURE SPONSORED BY AANOS



Dr. Sergio Canavero is Director of the Turin Advanced Neuromodulation Group, a think tank devoted to the advancement of brain stimulation.

He entered neurosurgery with the goal of transcending human limits. In the tradition of Prof. Penfield, he believes the brain only acts as a filter to consciousness which he discusses in his book *IMMORTAL. Why Consciousness is Not in the Brain*.

Over the past 30 years, he focused on making the first head transplant possible. Along the way he worked out the genesis of Central Pain at the age of 27 (for which he has been hailed as a "benefactor of mankind" and "Italian genius" by the US website painonline.org following publication of his Cambridge University Press monograph in 2007), introduced surgical cortical brain stimulation for Parkinson disease, the vegetative state (featured in several international media outlets in December 2008) and stroke recovery. He has over 100 peer-reviewed publications and several books to his credit, including *Head Transplantation And The Quest For Immortality* (Dec 2014).

Recently, he made the news for pushing cortical brain stimulation in the rehabilitation of criminal psychopaths in place of the death penalty.

In the century that will see medical technology impact human life like never before, head-body transplantation will be at the cutting edge. In 1970, US neurosurgeon Dr. Robert White carried out the first cephalosomatic anastomosis (CSA) in monkeys, but could not rejoin the spinal cord. His goal: curing intractable medical disorders.

Now, in an unprecedented turn of events, and fulfilling Robert White's prophecy, Dr. Canavero brings together many lines of research, some from the past, to recast the problem of spinal cord fusion in new terms.

In June 2015, he will push science forward and prove that a severed spinal cord can be reconnected with another one. The consequences? Not only the cure of hopeless disorders, but the opening of a new frontier: life extension. You will hear from him directly why he will be the first to achieve a full head transplant which will hold the key to the future of mankind. And more...

THE DR. ARNO A. ROSCHER ENDOWED LECTURE



Dr. Ara G. Tilkian will present the Dr. Arno A. Roscher Endowed Lecture. Tilkian was born in the village of Kesab, Syria. He spent a formative year in Missoula, Montana as an American Field Service Exchange Student and graduated from Missoula County High School with membership in the Alpha Omega Alpha Honor Society. He attended the American University of Beirut, Lebanon and was recognized as an outstanding freshman and graduated with a Bachelor of Science degree with Distinction. He received his MD degree with Honors at the University of Illinois in Chicago. Post graduate training included 5 years at Stanford University Medical Center where he completed his cardiology training.

Dr. Tilkian moved to Los Angeles in 1975 and has been an active member of Cardiovascular Consultants Medical Group since then. He has been the director of the Cardiology Program at Providence Holy Cross Medical Center in Mission Hills, California since 1989.

Dr. Tilkian has been on the clinical faculty of UCLA Medical Center and continues to participate in the teaching of cardiovascular fellows. He has published over 20 abstracts and articles in peer review journals and has written two textbooks in cardiology.

Since 2001 he has developed an interest in Stress Cardiomyopathy and has collected over 250 cases with this syndrome. He presented his observations and experience in this field at the 3rd International Medical Congress in Armenia in 2011.

He is board certified in internal medicine, cardiovascular disease and interventional cardiology. He continues the active practice of cardiology, looking for the next case of Takotsubo cardiomyopathy!



JONATHAN EDWARD EFRON, MD is Interim Director of the Department of Surgery and an associate professor of urology and surgery at the Johns Hopkins School of Medicine. He is a recipient of The Mark M. Ravitch, M.D., Endowed Professorship in Gastrointestinal Surgery and serves as the Chief of Ravitch Service at Johns Hopkins.

Dr. Efron is a colon and rectal surgeon whose clinical focus includes colon and rectal cancer, inflammatory bowel disease, fecal incontinence and anorectal disorders. He is an expert in minimally invasive and robotic procedures and colostomy-sparing procedures, such as ileal pouch anal anastomosis. He also has a particular interest in the management of recurrent rectal cancer.

Dr. Efron received his B.A. from Franklin and Marshall College, and completed his M.D. at the University of Maryland in 1993. He then conducted a residency in general surgery at North Shore University Hospital in Manhasset, NY, and a fellowship in colorectal surgery at the Cleveland Clinic of Florida.

He joined the Johns Hopkins faculty after serving as an associate professor of surgery at the Mayo Clinic College of Medicine in Arizona.

Dr. Efron has published more than 71 articles in peer-reviewed journals, 11 book chapters and over 104 abstracts. He has presented his work locally, regionally, nationally and internationally.

He is a member of the American College of Surgeons, the American Society of Colon and Rectal Surgeons, the Society of American Gastrointestinal Endoscope Surgeons, the Society of LaparoEndoscopic Surgeons, the Society of Surgeons of the Alimentary Tract and the Southwest Surgical Society. He also serves on the World Journal of Surgery editorial board and is a member of the Southwest Chapter of the CCFA Medical Advisory Committee.



MICHEL GAGNER, MD obtained, at the age of 22, his MD and did his surgical training at McGill University in Montreal. Upon completion of his fellowships in HPB surgery at Paris and Lahey Clinic, he was recruited to the University of Montreal, Hotel-Dieu. Subsequently he worked at the Cleveland Clinic where he co-founded the MIS Center. He was then appointed Professor of Surgery and Director of the MIS Center of Mount Sinai in New York.

He then joined Weill-Cornell in New York as Professor of Surgery and Chief of Laparoscopic/Bariatric Surgery. He was until recently, Chair of Surgery at Mount Sinai in Miami, and is currently Professor at FIU, and senior consultant at the Hopital du Sacre Coeur in Montreal. In 2014, he founded a non-profit organization WWO (World Without Obesity), for the education and development of metabolic surgery in Third world countries.

Dr. Gagner is known for his numerous contributions in MIS. He has over 300 published articles, 45 book chapters, and 8 books on MIS surgery. He has been visiting professor and operated in more than 60 institutions in 48 countries. He has served on the editorial boards of 12 surgical journals and has also organized many international and national meetings in the field of laparoscopic surgery and bariatric surgery.



FRANK R. LEWIS JR., MD became executive director of the American Board of Surgery in 2002. A Maryland native, Dr. Lewis received his medical degree from the University of Maryland and completed his general surgery residency at the University of California–San Francisco. He then completed an NIH trauma fellowship at San Francisco General Hospital. Prior to the ABS, Dr. Lewis was chair of the department of surgery at Henry Ford Hospital in Detroit and professor of surgery at Case Western Reserve University. Before going to Detroit, he was professor and vice chair of the department of surgery at UC San Francisco and chief of surgery at San Francisco General Hospital.

Dr. Lewis is a past chair of the ABS and the Residency Review Committee for Surgery of the ACGME. He is also a past president of the American Association for the Surgery of Trauma and the Shock Society. He has also served as first vice-president of the American College of Surgeons (ACS), as well as chair of the ACS Board of Governors and the ACS Committee on Trauma. Dr. Lewis' clinical interests center on trauma and critical care. He is certified by the ABS in general surgery.



THOMAS SCALEA, MD was born in Rochester, New York in 1951. He received his B.A. with distinction in January 1974 from the University of Virginia and his Medical Degree from the Medical College of Virginia in 1978. After surgery residency in Syracuse, New York, Dr. Scalea completed a trauma and critical care fellowship at the New York Medical College.

In the mid 1980's, Dr. Scalea became the Director of Critical Care and Trauma at the King's County Hospital in Brooklyn, New York and built those into nationally recognized services. In 1991, Dr. Scalea founded the Department of Emergency Medicine at King's County Hospital and SUNY Brooklyn. This occurred after a very well publicized incident of allegations of poor medical care. Dr. Scalea reorganized clinical care and recruited an entire academic faculty. Over three years later, his department was granted an ACGME approved residency training program in emergency medicine on the first attempt.

In 1997, Dr. Scalea became the Physician-in-Chief at the University of Maryland R Adams Cowley Shock Trauma Center. Believing that one must lead by example, he remains a busy clinical surgeon still taking night call. The Program in Trauma encompasses 70 physicians from seven different academic departments in the University of Maryland Baltimore. The Program in Trauma is one of two independent academic homes for faculty. As Director, Dr. Scalea serves at the level of chairman within the school and hospital. As Physician-in-Chief, Dr. Scalea is responsible for clinical care in all medical administrative functions of Shock Trauma. When Dr. Scalea arrived, the Shock Trauma Center admitted approximately 5800 patients. Treatment protocols have been streamlined. Innovative administrative redesign has decreased length of stay 15%. This year the Shock Trauma will admit over 7700 patients.

Additionally, Dr. Scalea has reorganized both research and education in the Program in Trauma. Under Dr. Scalea's leadership, trauma has become a requirement for all third year medical students and is described as one of the best experiences during medical school.

THURSDAY, JUNE 11, 2015 RESEARCH SCHOLARSHIP COMPETITION

The Scholarship Committee of the ICS-US Section accepts submissions from medical students, surgical residents and surgical fellows. Participants have submitted an original clinical research paper with pertinent clinical application for this annual competition. All papers are judged and scored by the members of the ICSUS Section Scholarship Committee prior to the Annual Surgical Update. An additional panel of judges will score the oral presentation of the research during the meeting in Annapolis. Scores will be tallied and those with the highest combined score will be awarded prizes. Participants in this session will be presented with the latest research being conducted by some of the brightest young minds in medicine and surgery.

Risk Factor Identification for Postoperative Groin Incision Complications and Recommendations on Treatment

Mark Weismiller, MD, Surgery Resident, Providence Hospital and Medical Centers, Southfield, MI

Coil Embolization of Superior Gluteal Artery Tear through Ipsilateral Popliteal Artery: A Unique Approach

Anand Tarpara, MD, PGY-1 Resident, General Surgery, Texas Tech University Health Sciences Center School of Medicine, Lubbock, TX

30-Day Readmissions After Laparoscopic Cholecystectomy: Factors and Outcomes

Gurteswar Rana, MD, General Surgery Resident, Providence Hospital and Medical Centers, Southfield, MI

Novel Concept of Electrocoagulation and Pancreatic Tumor Cell Implantation: Creation of Minimally Invasive Orthotopic Murine Model of Pancreatic Cancer

Jasneet S. Bhullar, MD, FICS(J), Chief Resident, Department of Surgery, Providence Hospital & Medical Centers, Southfield, MI

Evaluation of Urine Fibrinogen Level in a Murine Model of Contrast Induced Nephropathy

Alireza Hamidian Jahromi, MD, General Surgery Resident (PGY-III), Louisiana State University health Shreveport Center-Shreveport, Shreveport, LA

OPENING CEREMONY

The formal opening of the meeting will include introductions and welcoming remarks made by the ICS World President as well as the US Section President.

Yik-Hong Ho, MD, MBBS (Hons), International College of Surgeons, World-President, Professor of Surgery, James Cook University, Townsville, Australia

Uretz J. Oliphant, MD, United States Section President, Head, Department of Surgery, University of Illinois Urbana-Champaign, College of Medicine, Urbana, IL

SURGICAL RESIDENT EDUCATION DEBATE AND PANEL DISCUSSION

A debate addressing whether surgical residents are receiving adequate training under the 80 hour work week rule established in 2003. After the debate, alternatives and possible solutions will be presented and a panel of experts will discuss the future implications of a system that places greater importance on cost savings rather than quality patient care.

Debate - The New Surgical Training Model - Are New Graduates Ready for Practice?

CON: Mayur Narayan, MD, MPH, MBA, Assistant Professor, University of Maryland, Baltimore, MD

vs

PRO: Sivamainthan Vithiananthan, MD, MPH, MBA, FICS, Associate Professor of Surgery (Clinical) Alpert Medical School of Brown University Chief, Minimally Invasive and Bariatric Surgery The Miriam and Rhode Island Hospitals Providence, RI

Improving Surgical Residency Training: Future Alternatives

Frank R. Lewis, Jr., MD, Executive Director, American Board of Surgery, Philadelphia, PA

GLOBAL SURGERY SUMMIT

As a world-wide organization, ICS has always attempted to provide surgical care to those in areas where it is not readily available. Traditionally, surgery has been overlooked as a health priority due to the inaccurate perception that high cost interventions benefit only a limited proportion of the population. Surgical care for approximately 2 billion people in low and middle income countries is under-prioritized and underfunded. Millions suffer and lose their lives annually because they lack access to surgical care. In May of 2014 the WHO's World Health Assembly Executive Board passed a resolution that seeks to strengthen emergency and essential surgical care around the world.

This session will include presentations from key representatives from the WHO, the ACS, the ICS and more. In addition, an interactive panel will be assembled that will discuss where we are and where we should be going to address this global health crisis.

ICS and Humanitarian Surgery - It Is More Blessed to Give Than to Receive

Professor Yik-Hong Ho, MD, International College of Surgeons, World-President, Australia

The WHO Emergency and Essential Surgical Care (EESC) Program

Meena Nathan Cherian, MD, Director, WHO Emergency and Essential Surgical Care (EESC) Program, Geneva, Switzerland

Operation Giving Back: Advocating for the Global Surgical Patient

Girma Tefera, MD, Professor of Surgery, Vice Chair, Division of Vascular Surgery, Medical Director, Operation Giving Back, American College of Surgeons, University of Wisconsin-Madison, Madison WI

Surgical Missions: How Do We Measure Success?

Domingo T. Alvear, MD, FICS, Chief, Division of Pediatric Surgery Pinnacle Health System, Harrisburg, PA

The Globalization of Surgical Care: State of Surgical Education

Adrian Park, MD, Chairman of the Department of Surgery and Chair of the newly created Earl Simulation to Advance Innovation and Learning (SAIL) Center of Anne Arundel Health System (AAHS) in Annapolis, Maryland

Power of Partnership: Essential Best Practice in International Medical Outreach

Ann Sawyer, MS, Director of Medical Outreach, AmeriCares, Greenwich, CT

CARDIOTHORACIC AND VASCULAR SURGERY

This session will focus on the identification and treatment options for challenging cases in vascular surgery. Upon completion of this course participants will improve their understanding of the various options to treat the types of cases discussed and be better prepared to provide optimum patient care.

Is Minimally Invasive Esophagectomy a Good Option for Treatment of Esophageal Cancer?

Daniela Molena, MD, Assistant Professor of Surgery, Johns Hopkins University, Baltimore, MD

Update on Lung Cancer Screening Programs

Francis J. Podbielski, MD, MS, FICS, Visiting Clinical Associate Professor of Surgery - University of Illinois at, Riverside, IL

Why the Filter: What Is All This Noise?

Dixon Santana, MD, FICS, Associate Professor in Surgery Vascular and Endovascular Surgery Texas Tech Health Sciences Center, Lubbock, TX

Endovascular Repair for Ruptured AAA is Superior to Open Repair

Girma Tefera, MD, Professor of Surgery, Vice Chair, Division of Vascular Surgery, Medical Director, Operation Giving Back, American College of Surgeons, University of Wisconsin-Madison, Madison WI

FRIDAY, JUNE 12, 2015

TRAUMA AND ACUTE CARE SURGERY

This two-part session offers a comprehensive review of various aspects of trauma related surgical issues including: Appendicitis in Children, Sternal and Rib Plating, Surgical Site Morbidity, Diverticulitis, Damage Control Surgery and, Traumatic Brain Injury. Participants in this course will increase their knowledge of the topics presented to provide improved patient care and also learn about a new model for acute care surgery.

Controversies in the Management of Perforated Appendicitis in Children - 2015

Domingo T. Alvear, MD, FICS, Chief, Division of Pediatric Surgery Pinnacle Health System, Harrisburg, PA

Sternal and Rib Plating for Trauma and Sternal Dehiscence

Anthony N. Dardano, DO, FICS, Associate Professor of Biomedical Sciences, Florida Atlantic University, Charles E Schmidt School of Medicine

Novel Wound Management System Reduces Surgical Site Morbidity After Ventral Hernia Repair: A Critical Analysis

Fred Eckhauser, MD, Professor of Surgery, Johns Hopkins University School of Medicine, Baltimore, MD

Diverticulitis

Jonathan E. Efron, MD, Associate Professor of Surgery, Johns Hopkins University, Baltimore MD

The Multidisciplinary Management of Complex Hepatic Trauma

David Efron, MD, Associate Professor of Surgery, Anesthesiology and Critical Care Medicine, Emergency Medicine Chief, Division of Acute Care Surgery, Baltimore, MD

Acute Care Surgery Model in the World of Specialty Surgery

Adrian Park, MD, Chairman of the Department of Surgery and Chair of the newly created Earl Simulation to Advance Innovation and Learning (SAIL) Center of Anne Arundel Health System (AAHS) in Annapolis, Maryland

Damage Control Surgery

Gene E. Bolles, MD, FICS, Associate Professor of Neurosurgery, University of Colorado Medical Center and Denver Health Medical Center, Denver, CO

Innovative Management for Traumatic Brain Injury: Compartments Communicate

Thomas M. Scalea, MD, Professor of Surgery, University of Maryland School of Medicine, Baltimore, MD

NEUROLOGICAL AND ORTHOPAEDIC SURGERY - PART 1

A primary goal of the United States Section of the International College of Surgeons is to foster relationships with like-minded organizations to advance the art and science of surgery. For more than 10 years, the College has worked with the American Academy of Neurological and Orthopaedic Surgeons (Academy) to develop scientific programming in the specialties of Neurosurgery and Orthopaedic Surgery. The sessions presented on Friday and Saturday have been developed with the support and assistance of the Academy, its Board of Directors and Scientific Organizing Committee. Presentations include abstract submissions from members of both groups as well as invited presentations by renowned surgeons in these major surgical specialties.

Surgical Management of Back Pain

Chad Patton, MD, MS, Spine Surgery Medical Director, Anne Arundel Medical Center Spine Program The Orthopaedic and Sports Medicine Center Annapolis, Maryland, Annapolis, MD

Minimally Invasive Instrumented Surgery for Sacroiliac Joint Dysfunction

Gary Dix, MD, Neurosurgeon, Maryland Brain and Spine, Annapolis, MD

Current State of Opioid Guidelines

Charles Xeller, MD, Orthopaedic Surgeon, League City, TX

THE DR. ANDRE CROTTI LECTURE

There is perhaps no story in medical science over the past 100 years more fascinating than the life of Dr. William Stewart Halsted, generally regarded as the most innovative and influential surgeon the United States has produced. The number and magnitude of Dr. Halsted's contributions to surgery are staggering. This year's Dr. Andre Crotti Award recipient, who is in his own right considered a pioneer in surgery, will remind us all about this important individual from our past.

William Stewart Halsted: Our Surgical Heritage

John Cameron, MD, 2015 Andre Crotti Award Recipient, The Alfred Blalock Distinguished Service Professor, The Johns Hopkins University School of Medicine, Baltimore, MD

KEYNOTE LECTURE SPONSORED BY AANOS

What is surgery? Pushing the limits. That is why we became surgeons. Testing our limits and the limits of what is achievable. No more than a few decades ago, surgery on the heart was believed to be beyond our grasp, now it is routine. Same goes for the brain. Not to mention transplantation. Surgery is outsmarting nature.

When Robert White carried out his first head transplantation on a monkey, he was drowned in criticisms of all kinds. The past has given us the key to achieve spinal cord fusion and conduct the first human head transplant. By questioning what we used to believe was the correct view of motor and sensory physiology, we can now move on to tap the power of the central nervous system and make it work. This lecture will include details about and provide opportunities for discussion of HEAVEN: the head anastomosis venture project for the first human head transplantation with spinal linkage (GEMINI).

HEAVEN-GEMINI: Head Transplantation-The Future Is Now

Sergio Canavero, MD, Director, Turin Advanced Neuromodulation Group, Turin, Italy

THE LATEST UPDATES IN HEPATO-PANCREATO-BILIARY (HPB) SURGERY

Various HPB related topics will be addressed by experts from Johns Hopkins as well as by members of ICS. Using evidence-based medicine, this session is designed to provide a comprehensive overview of the surgical and medical management of patients with malignancies, neoplasms, and diseases involving the liver, gallbladder, bile ducts and pancreas.

Debate - Controversies of Pancreatectomy

Minimally Invasive Approach: Matthew Weiss, MD, Assistant Professor of Surgery, Johns Hopkins Hospital, Baltimore, MD

vs

Open Approach: Michael J. Jacobs, MD, FICS, Attending Surgeon Providence Hospital, Southfield, MI

Recent Advances in Liver Transplantation: HCC, Hepatitis C, and Sharing

Andrew Cameron, MD, PhD, Associate Professor of Surgery, The Johns Hopkins University School of Medicine, Baltimore, MD

Cystic Neoplasms of the Pancreas

Christopher Wolfgang, MD, PhD, Associate Professor of Surgery, Pathology and Oncology, Baltimore, MD

Laparoscopic Pancreas Surgery

Martin Makary, MD, MPH, Professor of Surgery Johns Hopkins Hospital, Baltimore, MD

Controversies and Updates in Management of Patients with Intrahepatic Cholangiocarcinoma

Timothy Pawlik, MD, MPH, PhD, Professor of Surgery and Oncology, Johns Hopkins Hospital, Baltimore, MD

Incidence and Risk Factors of Deep Vein Thrombosis After Liver Transplant

Alagappan Annamalai, MD, FICS, Cedars-Sinai Medical Center, Los Angeles, CA

Liver Transplantation for Malignant Neoplasms

Reza F. Saidi, MD, FICS, FACS, Assistant Professor of Surgery Division of Organ Transplantation Department of Surgery University of Massachusetts Medical School, Providence, RI

SATURDAY, JUNE 13, 2015

BARIATRIC AND GENERAL SURGERY

Participants in this session will learn: how to identify appropriate indications and operative techniques for the management of complex abdominal wall hernias; whether to use an endoluminal or a robotic approach for gastric surgery and; which facilities can handle gastric cancer the best.

Change in Paradigm in Bariatric and GI Surgery: Endoluminal not Robotic Approach

Sivamainthan Vithiananthan, MD, FICS, FACS, Associate Professor of Surgery (Clinical) Alpert Medical School of Brown University Chief, Minimally Invasive and Bariatric Surgery The Miriam and Rhode Island Hospitals Providence, RI

Gastric Cancer: Should It Be Treated Only At High Volume Centers?

Mark D. Duncan, MD, Chief, Surgical Oncology - Johns Hopkins Bayview Medical Center, Baltimore, MD

Update on the Surgical Management of Breast Cancer

David Euhus, MD, Professor of Surgery, Johns Hopkins Hospital, Baltimore, MD

Taming the Hostile Abdomen: Management of the Open Abdomen and Complex Hernias

Anthony N. Dardano, DO, FICS, Associate Professor of Biomedical Sciences, Florida Atlantic University, Charles E Schmidt School of Medicine

Sleeve Gastrectomy: The Most Popular Bariatric Surgery in the USA Results of the 5th Consensus Conference

Michel Gagner, M.D, Professor of Surgery, Herbert Wertheim College of Medicine, Florida International University, Miami, FL Hopital du Sacre Coeur, Montreal, Canada

NEUROLOGICAL AND ORTHOPAEDIC SURGERY - PART 2

See Part 1 for description

Clinical Depression and ACL Reconstruction: Incidence and Impact on Functional Outcome, a Prospective Cohort Study

Grant Garcia, MD, Orthopedic Surgery Resident, Hospital for Special Surgery, New York, NY

Constrained Fixed-Fulcrum Reverse Shoulder Arthroplasty for the Treatment of Epilepsy-Related Recurrent Shoulder Instability

Tanujan Thangarajah, MB ChB (hons), MRCS, MSc, Research Fellow, The John Scales Centre for Biomedical Engineering, Institute of Orthopaedics and Musculoskeletal Science, Division of Surgery and Interventional Science, University College London, London, UK

Shoulder Arthroplasty in Epileptic Patients

Tanujan Thangarajah, MB ChB (hons), MRCS, MSc, Research Fellow, The John Scales Centre for Biomedical Engineering, Institute of Orthopaedics and Musculoskeletal Science, Division of Surgery and Interventional Science, University College London, London, UK

Surgical Treatment of Humerus Fractures

Sudhir B. Rao, MD, Big Rapids Orthopaedic PC Premier Hand Center Big Rapids, Michigan, Big Rapids, MI

Long-Term Effectiveness of a Non-surgical Treatment for Carpal Tunnel Syndrome

Michael Politis, PhD, Carpal Pain Solutions, Inc., Palm City, FL

Morquio-Brailsford Disease Up Date: Review Literature and Case Presentation

Alfonso E. Pino, MD, FICS, Orthopaedic Surgeon, Dublin, TX

Early Decompressive Craniectomy in Traumatic Brain Injuries: A Case Series from the Kingdom of Cambodia

Paul Park, MD, PhD, Global Outreach Fellow, Korean American Medical Association, Preah Kossamak Hospital, Phnom Penh, Kingdom of Cambodia, Reno, NV

The Latest Clinical Surgical Total Hip Replacement Advancements in Painful Osteoarthritis of the Hip

Robert S. Mathews, MD, PhD, Director of First Team Institute LLC, Millersville, PA

Claudication- Neurogenic or Vascular

Gerald Q. Greenfield, Jr., MD, MS, FICS, Clinical Assistant Professor, Orthopaedic Surgery University of Texas Health Sciences Center- San Antonio, San Antonio, TX

Controversies in Neurosurgery: Vertebroplasty vs Kyphoplasty

W. Craig Clark, MD, PhD, FICS, Greenwood Leffore Neurosurgery, Greenwood, MS

Controversies in Neurosurgery: Radiosurgery vs Microsurgery for Benign Tumors in the Adult Posterior Fossa

W. Craig Clark, MD, PhD, FICS, Greenwood Leffore Neurosurgery, Greenwood, MS

Management and Treatment of Sports Concussions

Gene E. Bolles, MD, FICS, Associate Professor of Neurosurgery, University of Colorado Medical Center and Denver Health Medical Center, Denver, CO

Emergency Medicine on Mount Everest

Ken Kamler, MD, Voluntary Attending, Orthopedic Surgery, North Shore Long Island Jewish Hospital, New York, Flushing, NY

Dynamic Cervicomedullary Cord Compression and Alterations in Cerebrospinal Fluid Dynamics in Children with Achondroplasia

Debraj Mukherjee, MD, MPH, MPH, Maxine Dunitz Neurosurgical Institute Department of Neurosurgery Cedars-Sinai Medical Center Los Angeles, CA, Los Angeles, CA

Commodifying Human Traits: The Neuroethical Aspect

Patricia Scripko, MD, Neurologist, Salinas Valley Memorial Hospital, Salinas, CA

Pitfalls in the Treatment of Distal Humerus Fractures

Maxime J.M. Coles, MD, FICS, Orthopaedic Surgeon, Coffeyville Orthopedics, Coffeyville, KS

Surgical Management of Epilepsy

Lucia Zamorano, MD, FICS, Professor of Neurological Surgery, William Beaumont Oakland University School of Medicine, Birmingham, MI

COLORECTAL SURGERY SYMPOSIUM

This session will provide general and colorectal surgeons as well as other specialists who have an interest in various aspects of colorectal surgery an opportunity to learn about the most recent advances in this field. Controversies surrounding robotic surgery, rectal cancer, diverticulitis and TAMIS will be addressed during this session.

Squamous Anal Cancer Outcomes in HIV-Positive Men

Raquel E. Redondo, MD, FICS, General Surgery Resident, Presence Saint Joseph Hospital, Chicago, IL

Management of Recurrent Rectal Cancer

Jonathan E. Efron, MD, Associate Professor of Surgery, Johns Hopkins University, Baltimore, MD

Transanal Minimally Invasive Surgery (TAMIS)

Bryan N. Butler, MD, FICS, Clinical Assistant Professor, Section of Colon Rectal Surgery, State University of New York at Buffalo, Buffalo, NY

Fecal Incontinence: Current Options and Controversies

Deepa Taggarshe, MD, Assistant Professor, Department of Surgery, Virginia Commonwealth University, Richmond, VA

Controversies in the Current Management of Clostridium Difficile Colitis

Bashir O. Attuwaybi, MD, Amherst, NY

Controversies in Colorectal Robotic Surgery

Bashar Safar, MD, Assistant Professor of Surgery Johns Hopkins University, Baltimore, MD

ARNO ROSCHER ENDOWED LECTURE

Participants in this special lecture will increase their awareness of issues related to Stress Cardiomyopathy in a surgical practice. Participants will also improve their knowledge of diagnosis and treatment options.

Takotsubo-Stress Cardiomyopathy

Ara Tilkian, MD, Director of Cardiology, Providence Holy Cross Medical Center, Mission Hills, California, Van Nuys, CA

ANNUAL ETHICS FORUM

Many outside forces seem to corrupt and threaten the relationship between doctors and patients. A doctor's decisions may be influenced by these forces to the detriment of their patients. This session will debate how outside influences are threatening patient care and the relationship between a doctor and their patient. Various scenarios will be presented with ample time for interaction between the audience and panelists.

How Medical Care Is Being Corrupted

Timothy Pawlik, MD, MPH, PhD, Professor of Surgery and Oncology, Johns Hopkins Hospital, Baltimore, MD

OPEN FORUM - FREE PAPER PRESENTATIONS

This session will include submitted abstract presentations from ICS Fellows, Non-members, Residents and medical students that will address the varied surgical specialties represented within the College. Participants will increase their comprehension of the topics and cases discussed allowing for optimal patient care in a multi-disciplinary setting.

Rib Plating of Traumatic Rib Fractures: Patient Selection, Operative Planning and Technique

Milad Mohammadi, MD, Resident, Texas Tech University Health Sciences Center, Lubbock, TX

A Team Based Intervention Can Improve Surgical Patient Satisfaction and Readmission Rates in a Teaching Hospital

Sivamainthan Vithiananthan, MD, FICS, FACS, Associate Professor of Surgery (Clinical) Alpert Medical School of Brown University Chief, Minimally Invasive and Bariatric Surgery The Miriam and Rhode Island Hospitals, Providence, RI

Changing Health Care Landscape and Physician Leadership

Thavam C. Thambi-Pillai, MD, FICS, Associate Professor of Surgery Sanford School of Medicine University of South Dakota, Sioux Falls, SD

Vaginal Surgery Under Local Anesthesia: An Emerging Paradigm

Marco A. Pelosi III, MD, FICS, Director, Pelosi Medical Center, Bayonne, NJ

Successful Incorporation of Midlevel Providers in an Academic Surgical Division

Joshua M.V. Mammen, MD, PhD, MBA, FICS, Associate Professor of Surgery and Molecular & Integrative Physiology, University of Kansas, Kansas City, KS

Massive Gastrointestinal Bleeding From Jejunal Diverticulosis: Angiographic Localization and Resection

Jesse Flores, MD, Resident Texas Tech University Health Sciences Center, Lubbock, TX

Non-Surgical Management of Pilonidal Disease - is it Feasible?

Jonathan Cook, MD, General Surgery Resident, PinnacleHealth Hospitals, Harrisburg, PA

Calhoun Vision Light Adjustable Lens

Phillips Kirk Labor, MD, FICS, Founder, Eye Consultants of Texas, Grapevine, TX

EXPLORE ANNAPOLIS

Thursday June 11

This event; geared towards Alliance members, spouses, and family members who are visiting Annapolis during the Annual Meeting will provide attendees with an over-view of the history of the city, how Annapolis came to be what it is today and an understanding of the not-to-be-missed highlights of the city during your visit. A local historian will be your guide to the historical importance and highlights of our host city.

Free to all attendees but please register in advance.

ALLIANCE BOARD OF DIRECTORS & GENERAL MEMBERSHIP MEETING

Thursday June 11

Please join us to discuss Alliance plans for the Annual Meeting and beyond. Topics will include future leaders, and current & future social activities for the Alliance. If you have ever wondered what the Alliance is or does, then this meeting shouldn't be missed.

HONORS LUNCHEON

Thursday June 11

Please join us as we induct our Section's new Fellows into the College and honor those who have contributed to the success of our meeting and our Section. The winners of the Scholarship competition will also be announced here.

WELCOME RECEPTION

Thursday June 11

Our first day's scientific session in Memphis ends with a cocktail reception. Join us as we kick off the 77th Annual Surgical Update; reconnect with old friends welcome New Fellows and meet members you may not have encountered before.

NAVAL ACADEMY TOUR

Friday June 12

Friday morning you may choose to depart for a historical tour of the famed United States Naval Academy. Your tour highlights include life at the U.S. Naval Academy past and present. Tour includes Lejeune Hall, Bancroft Hall, Tecumseh Court, Herndon Monument, Main Chapel (when open) and the Crypt of John Paul Jones, Revolutionary War hero.

Everyone 18 and older must have a government-issued photo ID. Photo copies of ID (passports, ID Cards, etc.) cannot be accepted. If you are not a US citizen, please bring your passport.

The tour will last roughly an hour & a half including transportation to and from the Naval Academy. There will be at least one mile of walking over varied surfaces and steps.

Price: \$12 per person. Tickets must be ordered in advance.

CLOSING DINNER

HOSTED BY

THE AMERICAN ACADEMY OF NEUROLOGICAL AND ORTHOPAEDIC SURGEONS

AND

THE INTERNATIONAL COLLEGE OF SURGEONS - UNITED STATES SECTION

Saturday June 13

Join us as we come together for one last event before we bid farewell until next year. Uretz J. Oliphant, MD and William Mathews, MD invite you to attend the combined closing dinner of AANOS and the ICS-US. The buffet style meal will feature complimentary wine at your table, a cash bar, award presentations and live entertainment. **Price: \$100 per person. Tickets must be ordered in advance.**

Meeting Registration

The Meeting Registration form is on the opposite page. Everyone attending or participating in educational sessions, including faculty, is expected to complete the registration form and return it with payment. Registrations received without payment will not be processed.

All individuals who are attending the meeting but are not seeking CME must register in this category. Including: Spouses, Domestic Partners and Relatives. Included in this registration is: Breakfasts, Coffee Breaks, Lunches and non-ticketed Alliance Activities. This category is not appropriate for physicians who will attend CME Sessions.

Registration Types

ICS or AANOS Fellow: Any member in good-standing of either the ICS or the AANOS.

Junior ICS Fellow: Any surgical resident who has applied for ICS Junior Fellow status.

ICS Allied Member: Any Physician's Assistants and Nurse Practitioners who has applied for ICS Allied Member status.

Non-member: Any Surgeon attending the meeting who is not an ICS or AANOS Fellow.

Medical Students: Anyone currently enrolled in a medical school and has not begun residency training.

Resident: Any surgical resident who is not an ICS Junior Fellow.

Allied Health Professional: Anyone working in allied fields such as PA's, NP's RN's etc. who have not yet applied for or do not qualify for ICS Allied Membership.

Becoming a Member

Any individual who submits a complete application for membership with their meeting registration will be allowed to attend the meeting at the member rate.

Cancellation Policy

The cancellation deadline is May 24, 2015. Refunds will be issued, minus a \$75 processing fee, upon receipt of written notification via fax or mail. Verbal or written cancellations after May 24, will not be honored. Please allow four to six weeks after the meeting for your refund.

Fees

Meeting-related fees must be paid in US funds. Checks as well as Visa, Master Card, and American Express are acceptable forms of payment. Unless noted, all prices within this brochure are in US dollars.

AIRPORT TRANSPORTATION:

SuperShuttle (arrivals at both BWI & Reagan National Airports)

SuperShuttle is the nation's leading shared ride airport shuttle service providing door-to-door ground transportation to more than 8 million passengers per year. **For reservations and information:** 1800-BLUE-VAN (1800-258-3826) and mention RDDZU or visit: <http://www.supershuttle.com/default.aspx?GC=RDDZU>

Go - The Airport Shuttle (arrivals at BWI Airport)

The Airport Shuttle offers door to door reservation service covering the State of Maryland. Arriving passenger's flights are tracked and passengers are met at curbside. Vans carry 7 to 10 passengers. Corporate and charter programs are also available. Service not available from midnight - 3AM. **For reservations and information:** www.theairportshuttle.com or 800-776-0323 All major credit cards accepted

Supreme Airport Shuttle (arrivals at Reagan National Airport)

Supreme Airport Shuttle door-to-door service is available at the airport. Shuttles operate on a shared ride-on demand basis. **For reservations and information:** 1-800-590-0000 or www.supremeairportshuttle.com.

ATTIRE

Business casual attire is recommended in educational sessions and on-site social activities. Casual attire is appropriate for most off-site social events.

THE CIRCULATOR

It is a trolley that quickly and efficiently moves individuals around the Central Business District, Westgate Circle to Memorial Circle, allowing the public to enjoy the unique shops, the food and entertainment, the historic charm and maritime attractions.

Board the Circulator Trolley outside the Westin hotel for \$1.00 per ride. The trolley runs approximately every 20 minutes. You can also board at Trolley stops throughout the route to return to the Westin.

When does the Circulator trolley operate? Monday through Saturday – 7:30 am to 11:00 pm Sunday – 8:00 am to 8:00 pm

LANGUAGE

The official language of this conference is English, and all sessions and events shall be conducted in English.

PARKING

Self and Valet Parking Facilities 10-20 USD per day Hotel concierge can assist with rental car arrangements.

Attendee/Speaker Registration Information**39TH ANNUAL SCIENTIFIC MEETING * AMERICAN ACADEMY OF NEUROLOGICAL AND ORTHOPAEDIC SURGEONS**Check here if you are an ☐ ICS Fellow ☐ AANOS Member ☐ MD ☐ DO ☐ RN ☐ Other: _____

Name _____

Address _____

City _____ State _____ Zip _____

Country _____

Phone _____ Fax _____

E-mail _____ Specialty _____

General Registration

Select a registration option below, everyone must register for the meeting. Please note: All paid registrants (whether Fellow or Supplement) automatically receive one lunch ticket per day. We do ask that you indicate if you will attend each lunch, so that accurate plans are made.

	Until 5/11/15	After 5/11/15
ICS or AANOS Fellow	\$495 <input type="checkbox"/>	\$595 <input type="checkbox"/>
Junior ICS Fellow	\$150 <input type="checkbox"/>	\$175 <input type="checkbox"/>
Member Allied Health Pro.	\$150 <input type="checkbox"/>	\$175 <input type="checkbox"/>
Non-member	\$625 <input type="checkbox"/>	\$725 <input type="checkbox"/>
Medical Students	\$100 <input type="checkbox"/>	\$100 <input type="checkbox"/>
Resident	\$200 <input type="checkbox"/>	\$225 <input type="checkbox"/>
Non-Member Allied Health Pro.	\$200 <input type="checkbox"/>	\$225 <input type="checkbox"/>

Supplemental Registration

All individuals who are attending the meeting but are not seeking CME must register in this category. Including: Spouses, Domestic Partners and Relatives. Included in this registration is: Breakfasts, Coffee Breaks, Lunches and non-ticketed Alliance Activities. This category is not appropriate for physicians who will attend CME Sessions.

Spouse/Partner/Guest Quantity: _____ x \$150 = \$ _____

Name _____

Name _____

Name _____

Social Event Tickets

Explore Annapolis Free Quantity: _____

Naval Academy Tour Quantity: _____ x \$12 = \$ _____

ICS-US and AANOS Closing Dinner Quantity: _____ x \$100 = \$ _____

Social Event Tickets**Total \$** _____**Total Due****General Registration Fee:** \$ _____**Supplemental Registration Fee:** \$ _____**Social Event Tickets** \$ _____**Amount Paid** \$ _____☐ Check ☐ Master Card ☐ Visa ☐ American Express

Make checks payable to the ICS-US

Card Number

____/____/____/____-____/____/____/____-____/____/____/____

Exp. Date: _____, 20____

Cardholder Name _____

Signature _____

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June 11-13, 2015

WESTIN HOTEL
ANNAPOLIS, MARYLAND

